

FIG.1

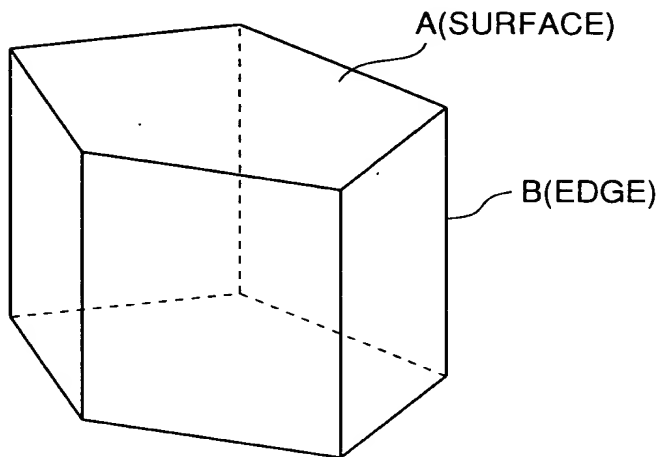
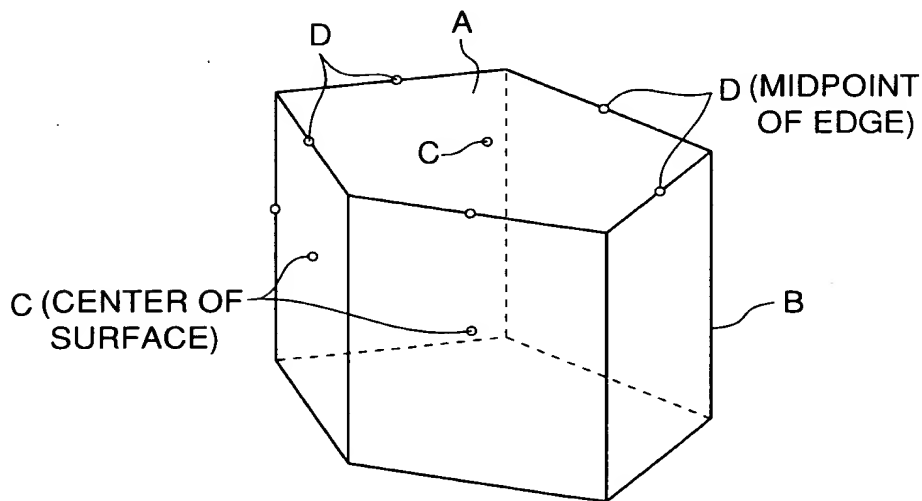


FIG.2



009100-85592560

FIG.3

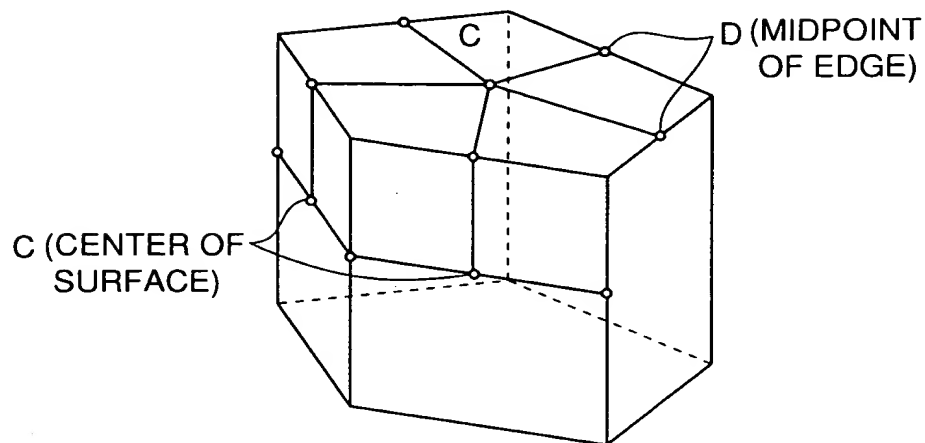


FIG.4

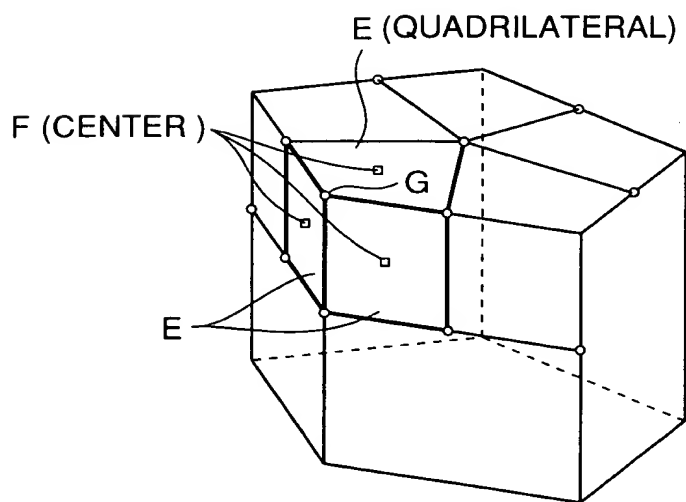


FIG.5

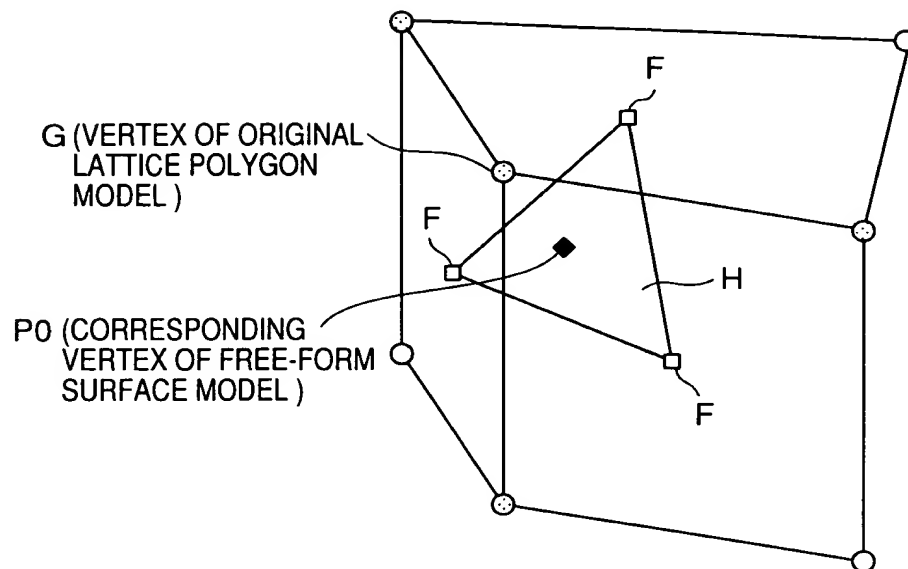


FIG.6

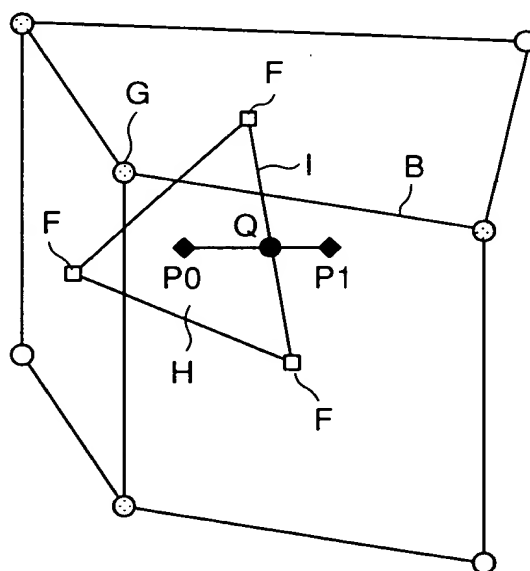


FIG.7

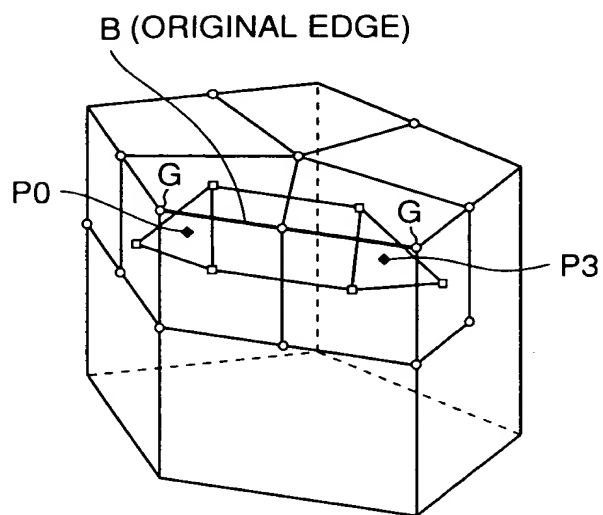
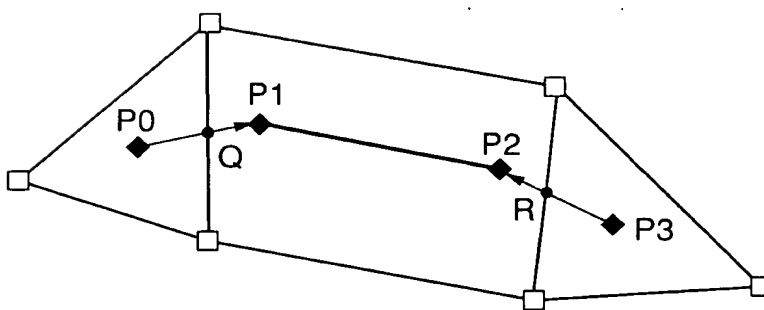


FIG.8



009120-85592560

0097ED-85592560

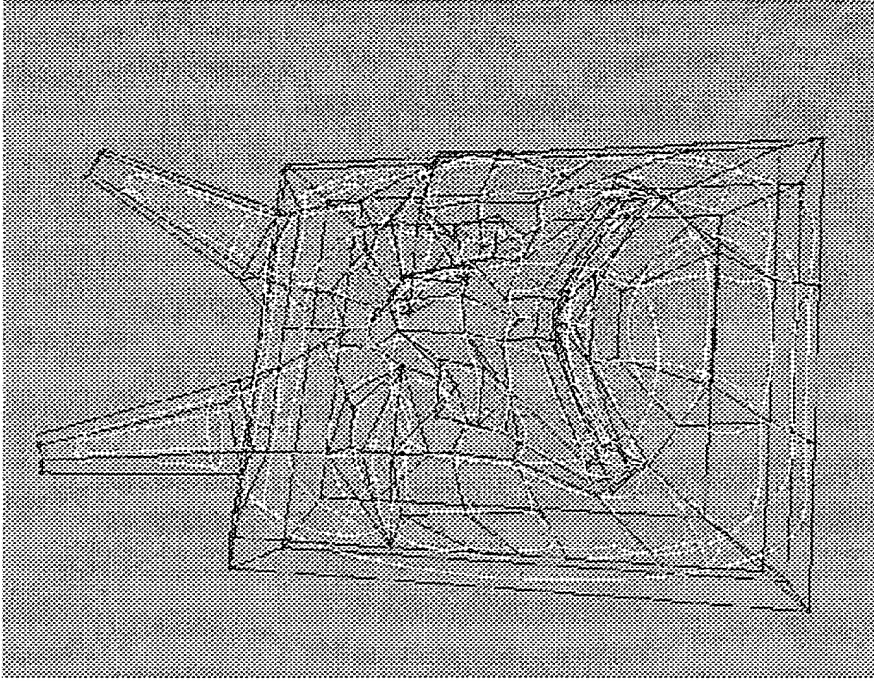
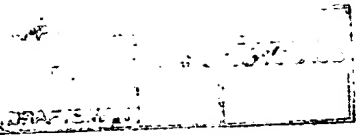


FIG. 9B

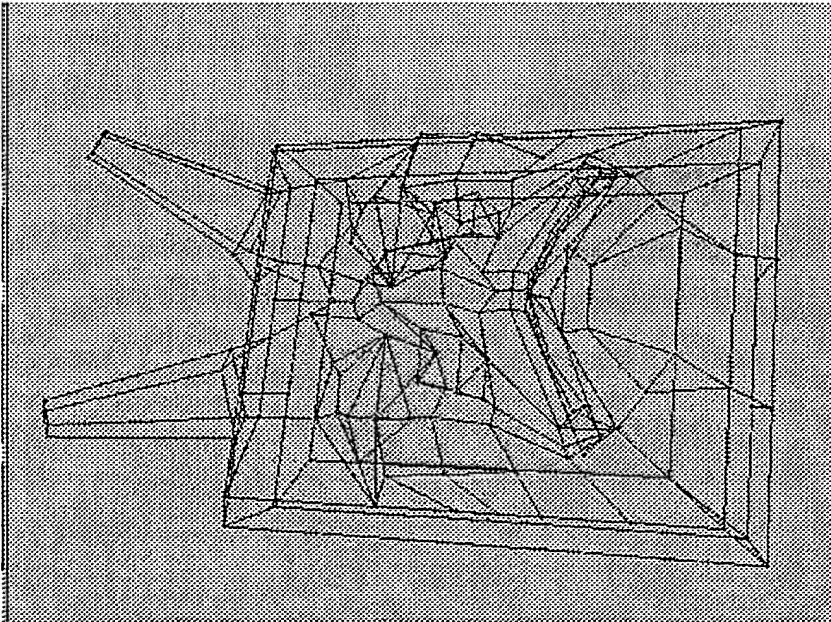
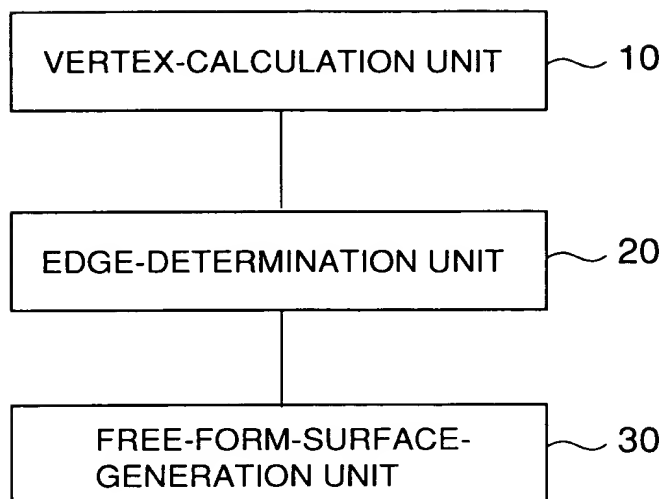


FIG. 9A

FIG.10



0091E0" 8252560

FIG.11

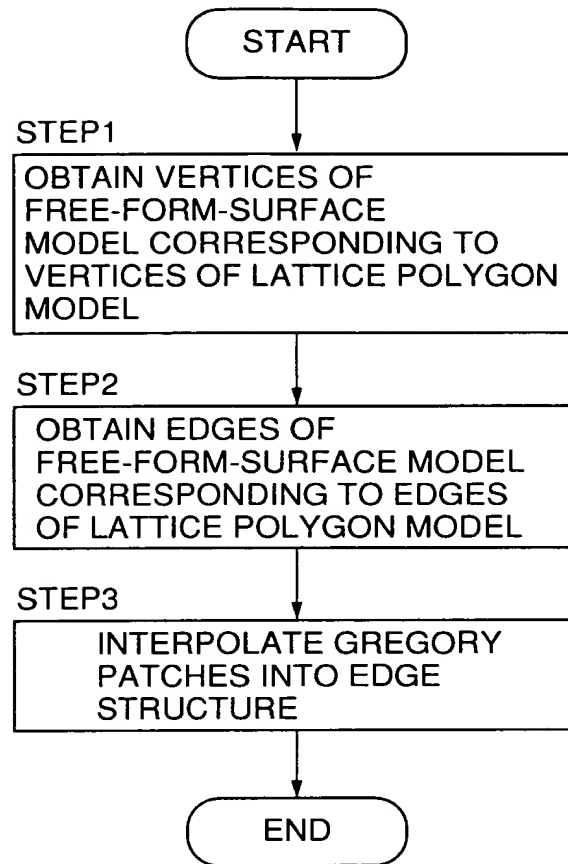
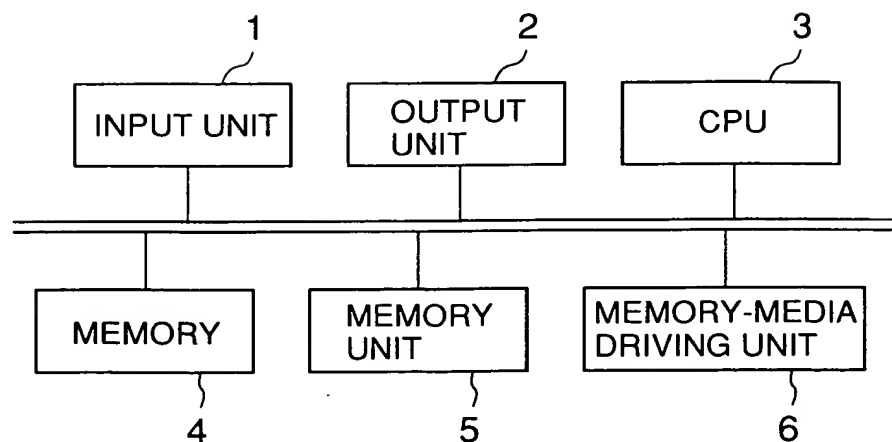


FIG.12



[illegible]

INDEX ↓	COORDINATES (x,y,z) LATTICE POLYGON MODEL	COORDINATES (x,y,z) OF FREE-FORM-SURFACE MODEL
P0		
P1		
P2		
:		
Pn		

EACH ROW INCLUDING  
INDICES OF  
VERTEX-COORDINATE  
TABLE

P0	P1	P2		
P2	P1	P7	P5	
P5	P7	P3	P8	P4

EACH ROW INCLUDING  
INDICES OF  
VERTEX-COORDINATE  
TABLE

START POINT	END POINT	CONTROL POINT 1	CONTROL POINT 2
P0	P1	C0	C1
P1	P2	C2	C3
P2	P3	C4	C5

INDEX	COORDINATES (x,y,z)
C0	
C1	
C2	
:	
Ck	

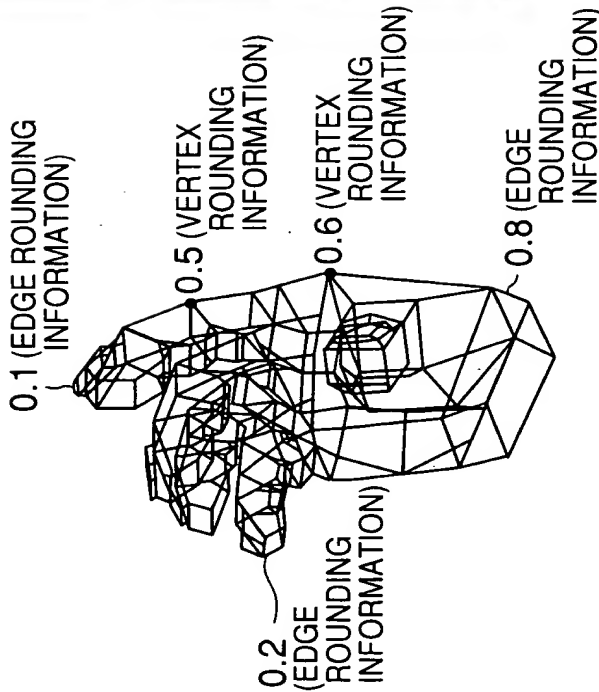
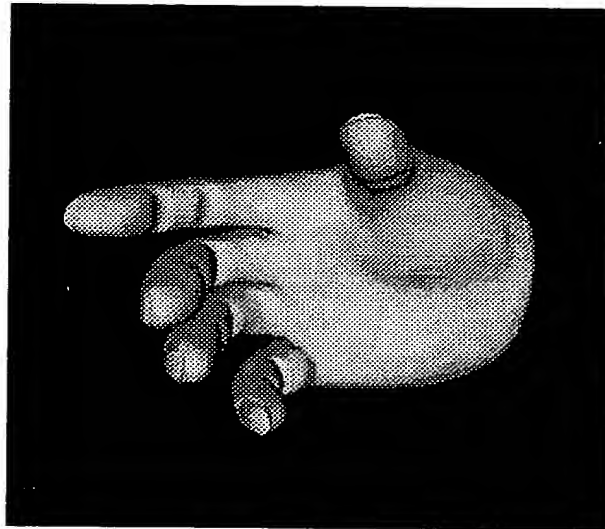
INDEX	COORDINATES (x,y,z)
C0	
C1	
C2	
:	
Ck	



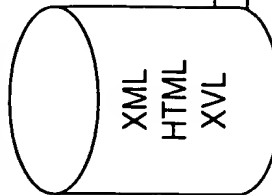


FIG.14

CLIENT PC  
ANALYZE LATTICE STRUCTURE IN  
XVL FILE, AND GENERATE SURFACE  
MODEL TO DISPLAY



SERVER



TRANSFER OF XVL FILE HAVING SMALL DATA SIZE

NETWORK

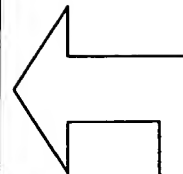


FIG.15

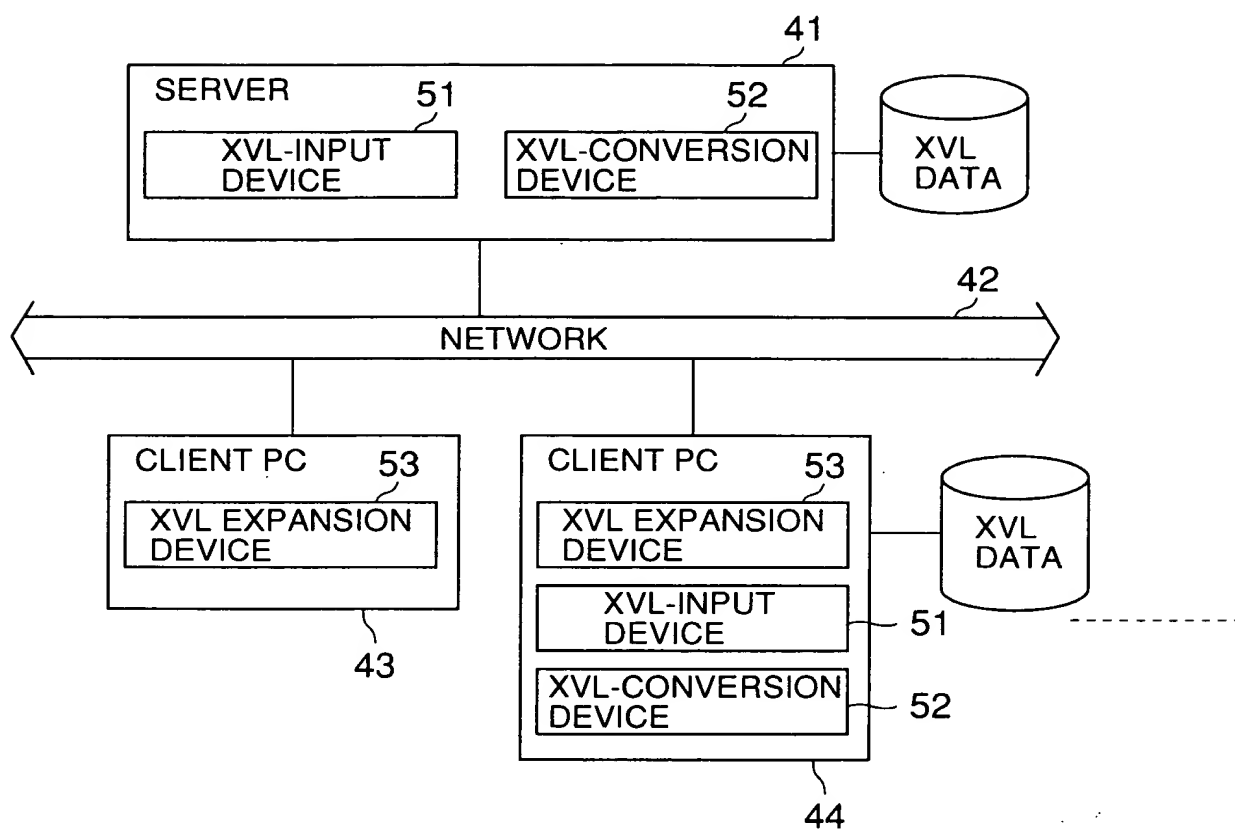
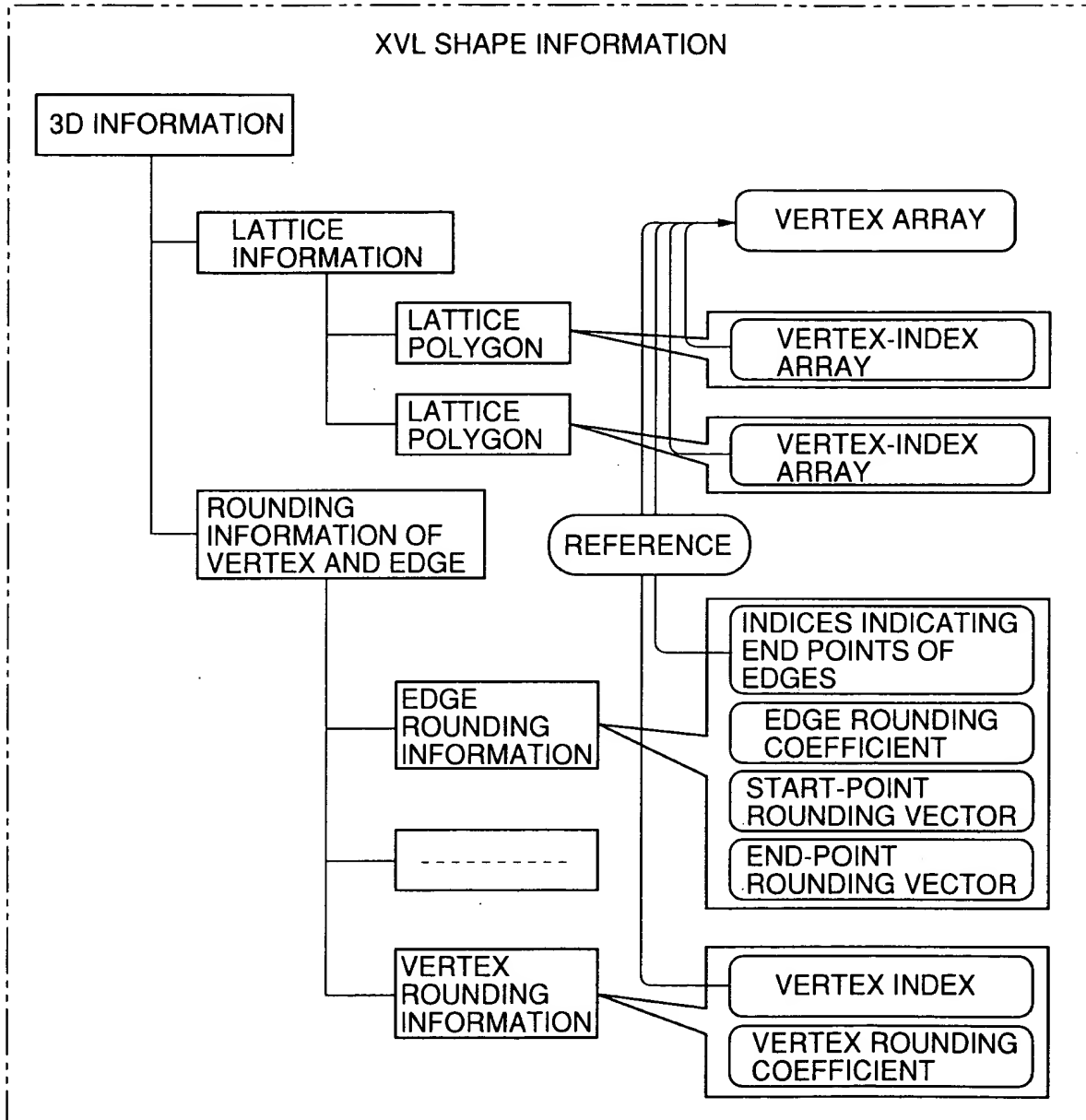
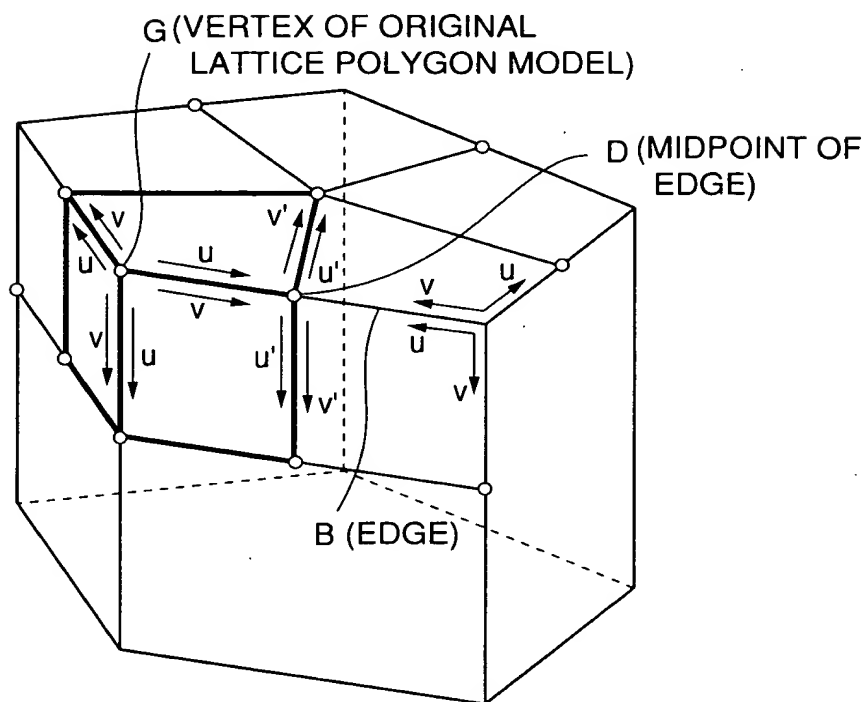


FIG.16



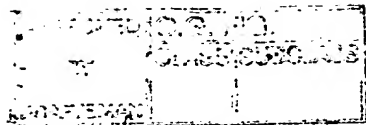
009160:892660

FIG.17



00526558-031600

0097E0 85592560



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DOCKET # 0557-4939-21 SHEET 13 OF 14

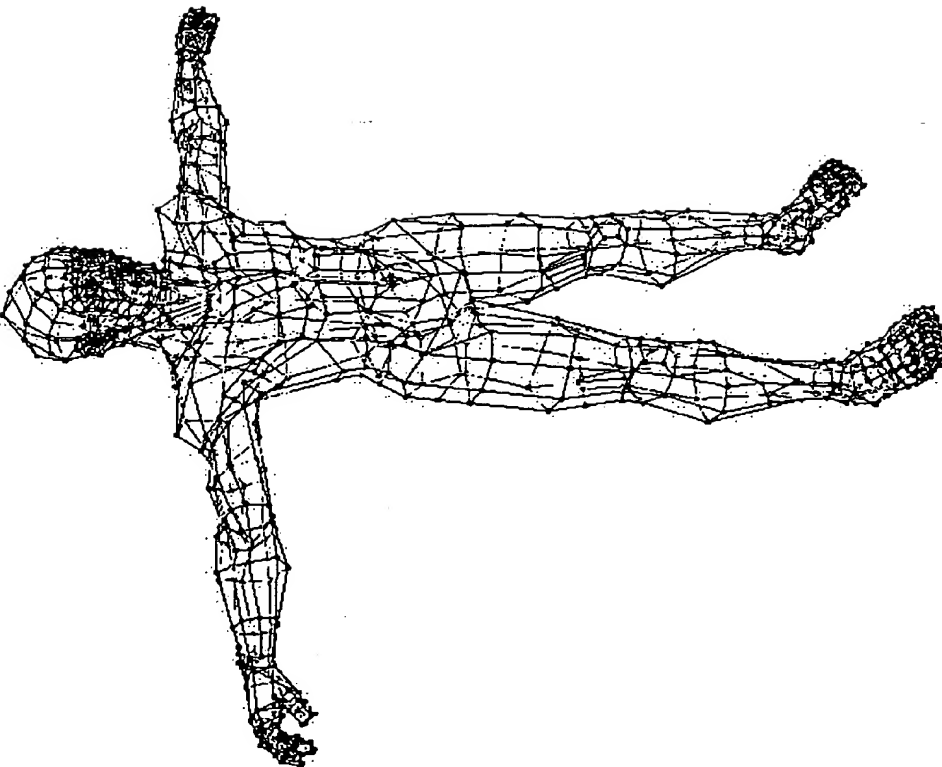


FIG. 18A

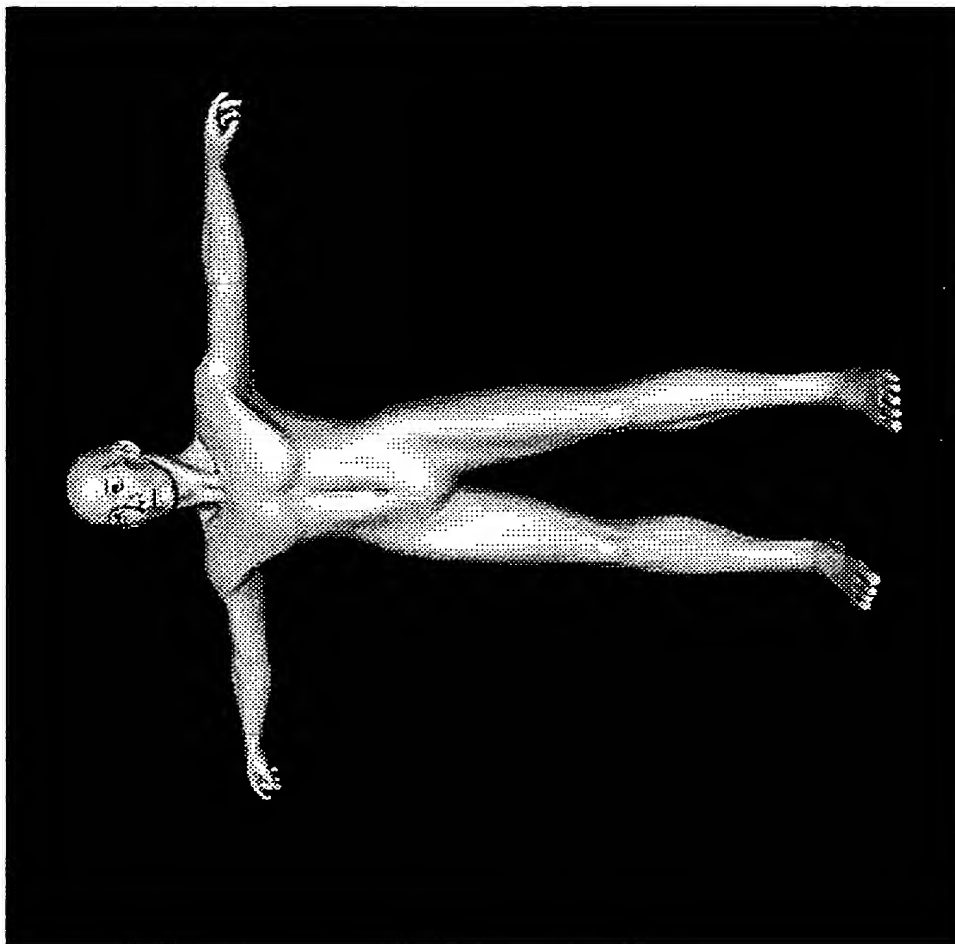
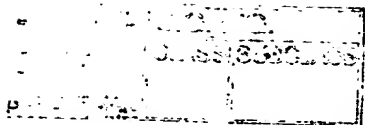


FIG. 18B



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DOCKET #0557-49392X SHEET 14 OF 14

0091ED-05592560

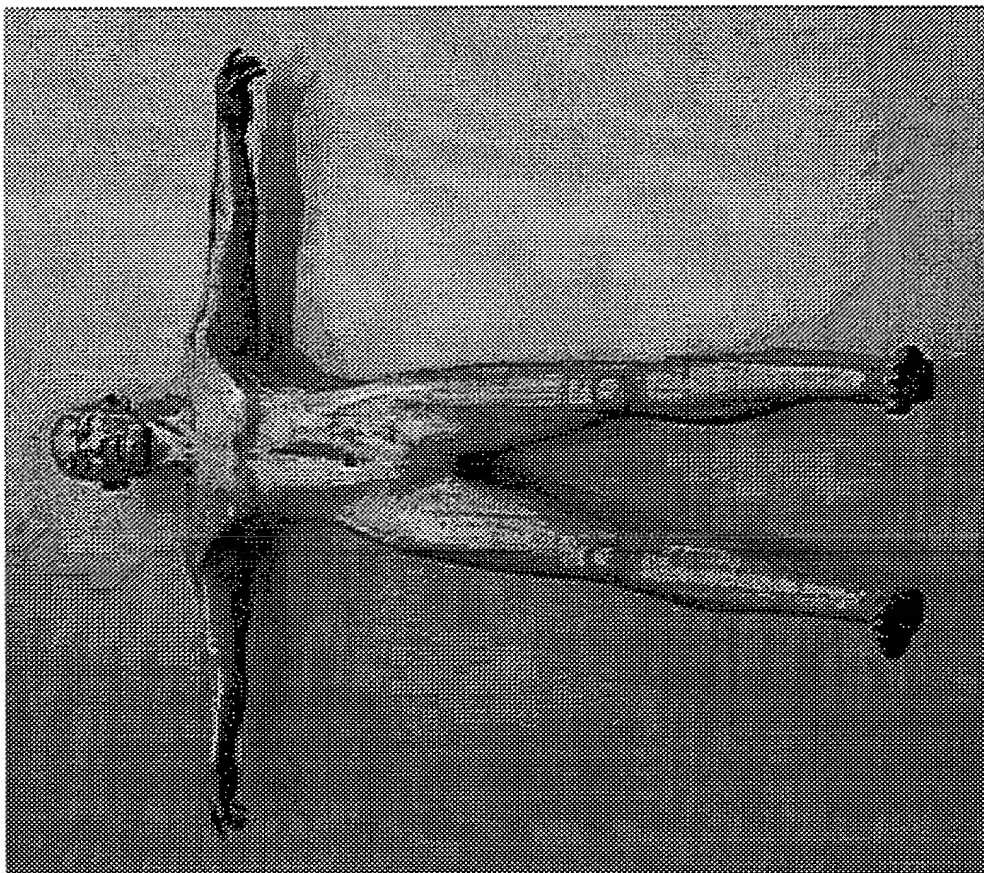


FIG.19